

DRCPX

User Manual

Remote Controller

Important Notice

Johnson Controls, Inc. pursues a policy of continuing improvement in design and performance in its products. As such, Johnson Controls reserves the right to make changes at any time without prior notice.

Johnson Controls cannot anticipate every possible circumstance that might involve a potential hazard.

This central controller is operated and serviced in the United States of America and comes with all required Safety, Danger, and Caution, and Warnings. No part of this manual may be reproduced in any way without the expressed written consent of Johnson Controls.

This manual provides common descriptions, basic and advanced information to operate this central controller. This manual should be considered as a permanent part of the air conditioning equipment and should remain with the air conditioning equipment. If you have questions, please contact your distributor or dealer.

Product Inspection upon Arrival

Upon receiving this product, inspect it for any damages incurred in transit. Claims for damage, either apparent or concealed, should be filed immediately with the shipping company. Check the model number, electrical characteristics (power supply, voltage, and frequency rating), and any accessories to determine if they agree with the purchase order.

The standard utilization for this unit is explained in these instructions. Use of this equipment for purposes other than what it designed for is not recommended.

Please contact your local agent or contractor as any issues involving installation, performance, or maintenance arise. Liability does not cover defects originating from unauthorized modifications performed by a customer without the written consent of Johnson Controls. Performing any mechanical alterations on this product without the consent of the manufacturer will render your warranty null and void.

For correct operation, please read all instructions carefully.

The DRCPX Remote Controller is a generic model, applicable to several kinds of units. Some functions of the remote controller are not available for all units. For more details please refer to the owner's manual of the unit.

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1. Safety Notices



IMPORTANT. Follow strictly, or slight or medium damage may result to the unit or people.



OPERATION IS PROHIBITED. Improper operation may cause severe damage or death to people.



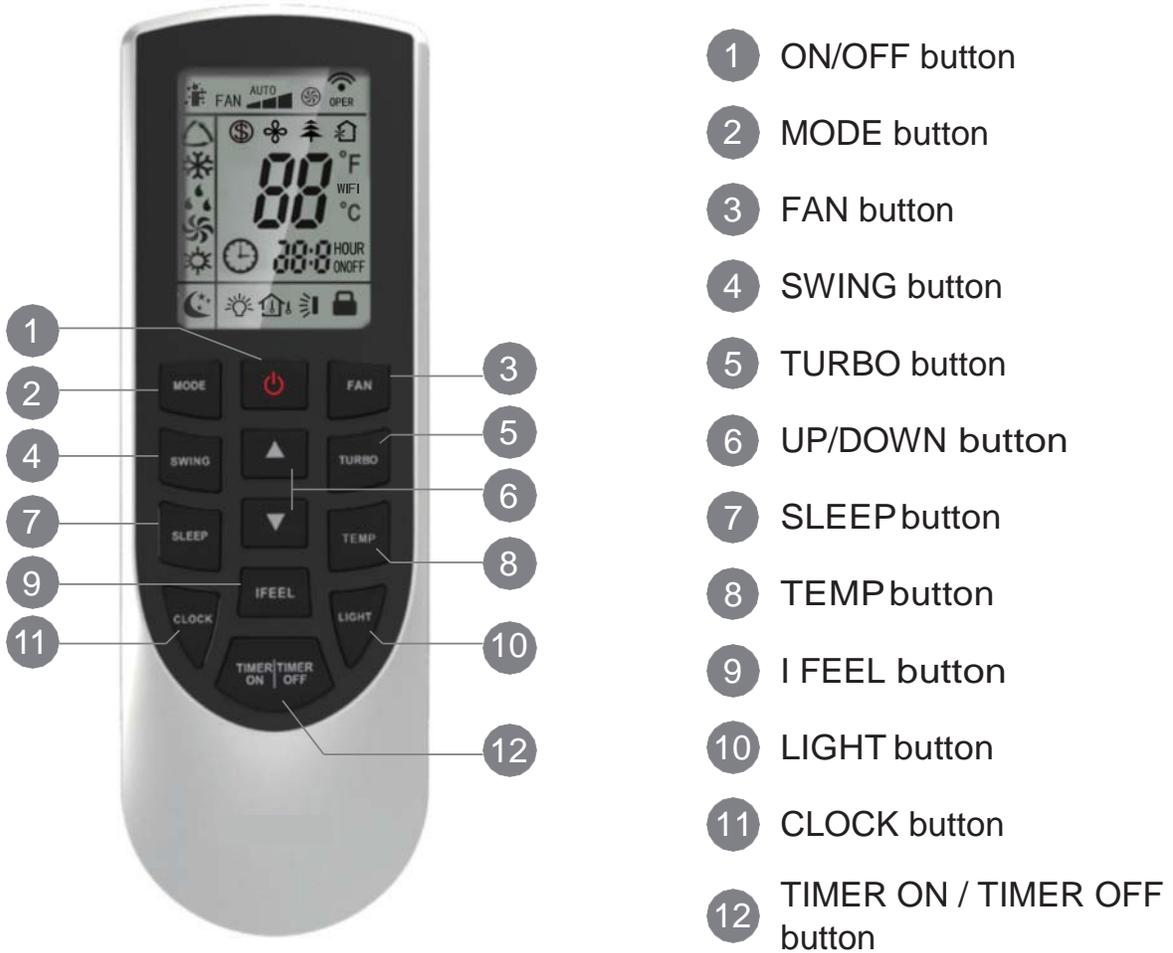
OBSERVE NOTICES. Improper operation may cause damage to people or property.



WARNING!

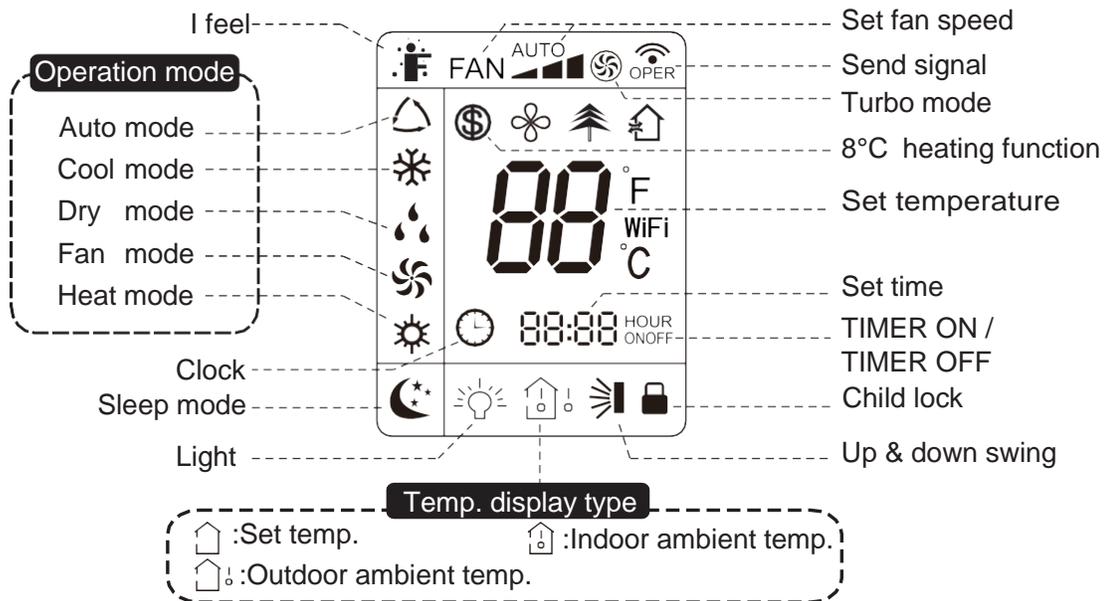
Do not install this product in a corrosive, inflammable or explosive environment or a place with special requirements, such as a kitchen. Doing so will affect the normal operation or shorten the service life of the unit, or even cause fire hazard or serious injury. Please use a special air conditioner with anti-corrosive or anti-explosion function.

2. Remote Controller Functionality



- 1 ON/OFF button
- 2 MODE button
- 3 FAN button
- 4 SWING button
- 5 TURBO button
- 6 UP/DOWN button
- 7 SLEEP button
- 8 TEMP button
- 9 I FEEL button
- 10 LIGHT button
- 11 CLOCK button
- 12 TIMER ON / TIMER OFF button

Icons on the display screen



Introduction

This is a general use remote controller. It can be used with air conditioners that are not operating. For some functions that the model doesn't have, if you press the corresponding button on the remote controller, the unit will keep its original running status.

After turning on the power, the air conditioner will give out a sound. The operation indicator turns ON (red indicator). After that, you can operate the air conditioner by using this remote controller.

- Press the ON button, and the signal icon  on the display of remote controller blinks once, and the air conditioner makes a “de” sound. This sound means the signal was sent to the air conditioner.
- Under OFF status, the set temperature and clock icons are displayed on the display of remote controller (If timer on, timer off and light functions are set, the corresponding icons are displayed on the remote controller at the same time).

Under ON status, the corresponding function icons are displayed on the screen:

ON/OFF button

Press this button to turn the air conditioner ON or OFF. After turning on the air conditioner, the operation indicator on indoor unit's display turns ON (green indicator. The color is different among models), and the indoor unit will make a sound.

MODE button

Press the MODE button to select the operation mode you want.



- When selecting Auto mode, the air conditioner operates according to the default factory setting. The set temperature can't be adjusted or displayed. Press the FAN button to adjust the fan speed. Press SWING button to adjust the louver angle of the fan.
- Select Cool mode and the air conditioner operates under this mode. The cool indicator on the indoor unit turns ON.
 - Press the UP or DOWN button to adjust set temperature.
 - Press the FAN button to adjust the fan speed.
 - Press the SWING button to adjust the louver angle of the fan.
- When selecting Dry mode, the air conditioner operates at low speed. The Dry indicator on the indoor unit turns ON. Under dry mode, the fan speed can't be adjusted. Press the SWING button to adjust louver angle of the fan.

- When selecting fan mode, just the air conditioning fan will blow, no cooling or heating. Press the FAN button to adjust the fan speed. Press the SWING button to adjust the louver angle of the fan.
- Select Heat mode and the air conditioner will operate under this mode. The heat indicator on the indoor unit turns ON.
 - Press the UP or DOWN button to adjust the set temperature.
 - Press the FAN button to adjust the fan speed.
 - Press the SWING button to louver angle of the fan. (A cooling-only unit will not receive the Heat mode signal.) If setting the Heat mode with the remote controller, pressing the ON/OFF button will not start the unit.

Note:

You can prevent cold air from blowing after starting up in heating mode.

The indoor unit will delay 1~5 minutes before blowing air. (The actual delay time depends on the indoor ambient temperature.)

- Set the temperature range from the remote controller to: 61~86°F (16~30°C).
- Set the Fan speed to: auto, low, medium, or high.

FAN Button

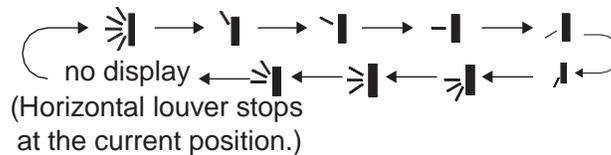
Press Fan button to set fan speed to auto (AUTO), low (▲), medium (▲▲), or high(▲▲▲).



- Under AUTO speed, the air conditioner selects the proper fan speed automatically according to the default factory setting.
- The Dry mode Fan speed is low.

SWING button

Press this button to select the up-and-down louver angle. The angle that the fan blows can be selected clockwise as follows:



- When selecting , the air conditioner fan blows automatically. The horizontal louver will automatically swing up and down at a maximum angle.
- When selecting , the air conditioning fan blows in a fixed position only. The horizontal louver will stop moving at the fixed position.

Hold button for 2 s to set the louver angle. When you reach the angle you want,

release the button.

Note:

 may not be available. When the air conditioner receives this signal, the air conditioning fan automatically starts blowing.

TURBO button

- Under COOL or HEAT mode, press this button to go to quick COOL or HEAT mode.
- The  icon appears on the remote controller. Press this button again to exit the turbo function, and the  icon disappears.

UP or DOWN button

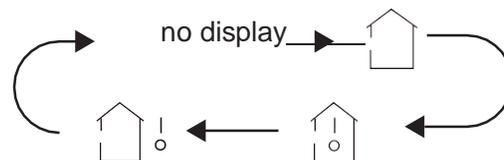
- Press the UP or DOWN button once to increase or decrease the set temperature 1°F (1°C).
- Hold the UP or DOWN button for 2 s. The set temperature on the remote controller will quickly change.
- When setting TIMER ON, TIMER OFF, or CLOCK, press the UP or DOWN button to adjust the time. (Refer to CLOCK, TIMER ON, and TIMER OFF buttons.)

SLEEP button

- Under COOL, HEAT or DRY mode, press this button to start the sleep function. The  icon is displayed on the remote controller.
- Press this button again to cancel the sleep function, and the  icon disappears.

TEMP button

By pressing this button, you can see the indoor set temperature, indoor ambient temperature, or outdoor ambient temperature on the indoor unit's display. The setting on remote controller is selected clockwise as follows:



- When selecting  or no display with the remote controller, the temperature indicator on the indoor unit displays the set temperature.
- When selecting  with the remote controller, the temperature indicator on indoor unit displays the indoor ambient temperature.
- When selecting  with the remote controller, the temperature indicator on the indoor unit displays the outdoor ambient temperature.

Note:

The outdoor temperature display is not available for some models. In that case, the indoor unit receives the  signal, and the indoor set temperature is displayed.

- The default is for the remote controller to display the set temperature when turning on the unit. There is no display on the remote controller. Only remote controller models with dual-8 display can display the set temperature when turning on the unit.
- When displaying the indoor or outdoor ambient temperature, the indoor temperature indicator displays the corresponding temperature. After three or five seconds, the display automatically changes to the set temperature.

I FEEL button

Press this button to start I FEEL function, and  is displayed on the remote controller. After this function is set, the remote controller sends the detected ambient temperature to the controller and the unit automatically adjusts the indoor temperature according to the detected temperature. Press this button again to close I FEEL function and  disappears.

Note:

Do not put the remote controller near an object of high or low temperature to avoid detecting an inaccurate ambient temperature.

LIGHT button

Press this button to turn OFF the display light on the indoor unit.  icon on the remote controller disappears. Press this button again to turn ON the display light.  icon is displayed.

CLOCK button

- Press this button to set the clock. The clock icon  on the remote controller will blink.
- Press the UP or DOWN button within 5 s to set the clock. Each time you press the UP or DOWN button, the time increases or decreases by 1 minute. If you hold the UP or DOWN button for 2 s, the time will change quickly. Release the button when you reach the time you want.
- Press the CLOCK button to confirm the time. The clock icon  on the remote controller stops blinking.

Note:

- Clock time displays in 24-hour time.
- The interval between two operations cannot exceed 5 s. Otherwise, the remote controller will quit the setting mode.
- Operation for TIMER ON/TIMER OFF button is the same.

TIMER ON and TIMER OFF buttons

TIMER ON button

- TIMER ON button can set the remote controller to timer ON. Press this button and the clock icon  disappears. On the remote controller, the word ON starts blinking.
- Press the UP or DOWN button to adjust the TIMER ON setting. Each time you press the UP or DOWN button, the TIMER ON setting increases or decreases by 1 minute. If you hold the UP or DOWN button for 2 s, the time will change quickly until you reach the time you want.
- Press TIMER ON to confirm the set time.
 - The word ON stops blinking on the remote controller.
 - The clock icon  resumes displaying.
- Cancel TIMER ON if TIMER ON has started. Press the TIMER ON button to cancel it.

TIMER OFF button

- TIMER OFF button can set the remote controller to timer OFF. Press this button, and the clock icon  disappears. On the remote controller, the word OFF starts blinking.
- Press the UP or DOWN button to adjust the TIMER OFF setting. Each time you press the UP or DOWN button, the TIMER OFF setting increases or decreases by 1 minute. If you hold the UP or DOWN button for 2 s, the time will change quickly until you reach the time you want.
- Press TIMER OFF and the word OFF stops blinking on the remote controller. The clock icon  resumes displaying.
- Cancel TIMER ON if TIMER OFF has started. Press the TIMER OFF button to cancel it.

Note:

- Under ON and OFF status, you can set TIMER OFF or TIMER ON simultaneously.
- Before setting TIMER ON or TIMER OFF, be sure to adjust the clock time.
- After starting up TIMER ON or TIMER OFF, set the constant circulating to Valid. Then, the air conditioner turns ON or turned OFF according to the set time. The ON/OFF button has no effect on the setting. Use the remote controller to cancel this function if it is not needed.

3. Function Introduction to Combination buttons

Energy-saving Function

Under cooling mode, press the TEMP and CLOCK buttons simultaneously to start or turn off the energy-saving function. When energy-saving function starts, SE is displayed on the remote controller. Then, the air conditioner adjusts the set temperature automatically according to the default factory setting with the best energy-saving effect. Press the TEMP and CLOCK buttons again simultaneously to exit the energy-saving function.

Note:

- Under energy-saving function, Fan speed is defaulted to Auto speed and it cannot be adjusted.
- Under energy-saving function, the Set temperature cannot be adjusted. Press the TURBO button, and the remote controller will not send the signal.
- The Sleep function and Energy-saving function cannot operate at the same time. If the Energy-saving function has been set under Cooling mode, pressing the SLEEP button will cancel the Energy-saving function. If the Sleep function has been set under Cooling mode, starting the Energy-saving function will cancel the Sleep function.

8°C Heating Function

Under heating mode, press the TEMP and CLOCK buttons simultaneously to start or turn off the 8°C Heating function. When this function starts,  and 8°C are displayed on the remote controller. Then, the air conditioner keeps the heating status at 8°C. Press the TEMP and CLOCK buttons again simultaneously to exit the 8°C Heating function.

Note:

- Under 8°C Heating function, Fan speed is defaulted to Auto speed and it cannot be adjusted.
- Under 8°C Heating function, the Set temperature cannot be adjusted. Press the TURBO button, and the remote controller will not send the signal.
- The Sleep function and 8°C Heating function cannot operate at the same time. If the 8°C Heating function is set under Cooling mode, pressing the SLEEP button will cancel the 8°C Heating function. If the Sleep function is set under Cooling mode, starting the 8°C Heating function will cancel the Sleep function.
- Under °F temperature display, the remote controller shows 46°F heating.

Child Lock Function

Press the UP and DOWN buttons simultaneously to turn ON or turn OFF the Child Lock function. When this function is on, the lock  icon is displayed on the remote controller.

If you operate the remote Controller, the lock  icon will blink three times without sending a signal to the unit.

Temperature Display Switchover Function

Under OFF status, press the DOWN and MODE buttons simultaneously to switch temperature display between °C and °F.

WIFI Function

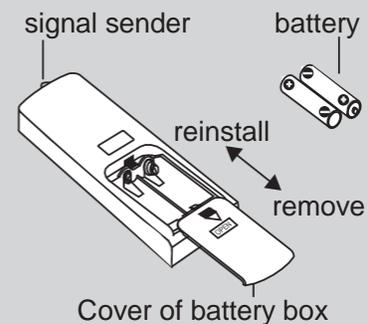
Press the MODE and TURBO buttons simultaneously to turn ON or turn OFF the WIFI function. When WIFI function is turned ON, the **WiFi** icon is displayed on remote controller. Press and hold the MODE and TURBO buttons simultaneously for 10 s. The remote controller sends the WIFI reset code and then the WIFI function is turned ON. The WIFI function defaults to ON after powering the remote controller.

4. Operation guide

1. After putting through the power, press the ON/OFF button on the remote controller to turn ON the air conditioner.
2. Press the MODE button to select the mode: AUTO, COOL, DRY, FAN, or HEAT.
3. Press the UP or DOWN button to set the temperature. (Temperature cannot be adjusted under auto mode.)
4. Press the FAN button to set the fan speed: auto, low, medium, or high.
5. Press the SWING button to select the louver angle of the fan.

5. Replacing the Remote Controller Batteries

1. Press the back side of remote controller marked with "OPEN", as shown in the fig, and then push out the cover of battery box along the arrow direction.
2. Replace two 7# (AAA 1.5V) dry batteries, and make sure the position of "+" polar and "-" polar are correct.
3. Reinstall the cover of battery box.



NOTICE

- During operation, point the remote control signal sender at the receiving window on indoor unit.
- The distance between signal sender and receiving window should be no more than 8m, and there should be no obstacles between them.
- Signal may be interfered easily in the room where there is fluorescent lamp or wireless telephone; remote controller should be close to indoor unit during operation.
- Replace new batteries of the same model when replacement is required.
- When you don't use remote controller for a long time, please take out the batteries.
- If the display on remote controller is fuzzy or there's no display, please replace batteries.

